

**ABSTRACT OF THE DISCLOSURE****AUTOMATICALLY GENERATED SYMBOL-BASED DEBUG SCRIPT  
EXECUTABLE BY A DEBUG PROGRAM FOR SOFTWARE DEBUGGING**

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A method, system, and product are disclosed for automatically generating a symbol-based debug script, which is executable by a debug program, for debugging a software program. Function symbols included in the software program are identified. The functions represented by the function symbols may be executed during an execution of the software program. A debug script is then automatically generated which, when executed by a debug program, will record each one of the functions symbols which represent a function called by the software program during execution of the software program by the debug program.